

Converting Colors

HunterLab(53.5660, 104.1889,
-69.8862)

Have a look what the booklet for
HunterLab(53.5660, 104.1889,
-69.8862) contains.

HunterLab(53.5697, 104.1756, -69.8771)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(53.5697,
104.1756, -69.8771)**

Conversions

Conversions Part 1

Format	Color
Hex	FF0AFF
RGB	255, 10, 255
RGB Percent	100%, 4%, 100%
CMY	0.0000, 0.9606, 0.0000
CMYK	0.00, 0.96, 0.00, 0.00
HSL	300°, 100%, 52%
HSV	300°, 96%, 100%
XYZ	59.3986, 28.6971, 97.0163
YIQ	111.1850, 67.3750, 128.1350

Conversions

Conversions Part 2

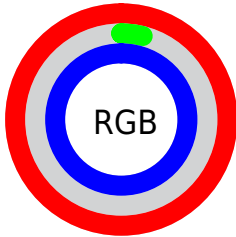
Format	Color
R _Y B	255, 10, 255
Decimal	16714495
CIE Lab	60.51, 97.68, -60.53
CIE LCh	61, 114.914, 328.213
Yxy	28.6981, 0.3209, 0.1550
Android (android.graphics.Color)	4294904575 (0xFFFF0AFF)
YUV	111.1850, 70.9008, 126.1258
Hunter-Lab	53.5697, 104.1756, -69.8771

Details

The HunterLab color **53.5697, 104.1756, -69.8771** is a light color, and the websafe version is hex **FF00FF**. The color can be described as light saturated magenta. A complement of this color would be **84.6208, -72.2726, 50.6756**, and the grayscale version is **39.6699, -2.1167, 2.1553**.

A 20% lighter version of the original color is **62.4463, 75.2258, -50.0298**, and **39.2029, 77.4188, -54.3774** is the 20% darker color. If you saturate the color by 10%, you get **53.3667, 104.9207, -70.3875**, and if you desaturate by 10%, it is **54.5110, 100.7762, -67.5484**.

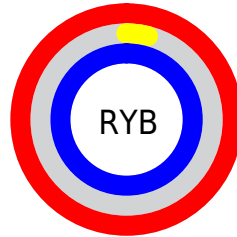
Distribution



Red (100%)

Green (4%)

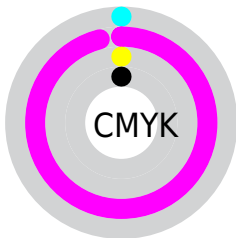
Blue (100%)



Red (100%)

Yellow (4%)

Blue (100%)

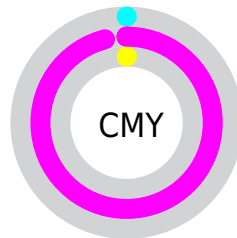


Cyan (0%)

Magenta (96%)

Yellow (0%)

Black (0%)



Cyan (0%)


Magenta (96%)


Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 53.5697, 104.1756, -69.8771 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 53.5697, 104.1756, -69.8771 by changing the saturation by 10% instead.


 53.5697, 104.1756,
-69.8771


 53.5697, 104.1756,
-69.8771


171.9848,
126.8930, -76.7151

 43.4195, 101.5395,
-69.5732


 75.8927, 109.6058,
-71.1435

 34.0056, 99.1357,
-69.7428


 87.9882, 112.2892,
-71.9271

 25.3917, 97.2646,
-70.8006


 100.6657,
114.9139, -72.7461

 17.6606, 96.6276,
-73.6805

 113.8996,
117.4677, -73.5742

 10.9278, 99.1590,
-80.9151

 127.6674,
119.9443, -74.3946

 2.3860, 269.7171,
-236.7933

141.9491,

0.0000, INF, -NF

122.3409, -75.1961

0.0000, NaN, -NF

156.7270,
124.6569, -75.9712

■ 53.5697, 104.1756,
-69.8771

■ 53.5697, 104.1756,
-69.8771

■ 53.3667, 104.9207,
-70.3875

■ 54.5110, 100.7762,
-67.5484

■ 56.4114, 94.1770,
-63.0264

■ 59.3491, 84.6019,
-56.4619

■ 63.3076, 72.7352,
-48.3206

■ 68.2107, 59.4003,
-39.1638

73.9532, 45.3218,
-29.4862

80.4240, 31.0242,
-19.6464

87.5194, 16.8337,
-9.8682

95.1490, 2.9238,
-0.2712

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



53.5706, 49.8568, -153.4918



53.5697, 104.1756, -69.8771



53.5706, 129.0060, 0.0209

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



53.5706, 104.1722, -69.8748



53.5706, 0.1333, 37.4994



53.5706, -63.5049, -59.8187

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



53.5697, 104.1756, -69.8771



84.6208, -72.2726, 50.6756

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



53.5706, -68.5879, 5.6581



53.5697, 104.1756, -69.8771



53.5706, -40.7828, 37.2616

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



53.5706, 104.1722, -69.8748



53.5706, 56.9302, 36.9844



53.5706, -62.0600, 32.0189



53.5706, -44.2824, -144.8222

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



53.5697, 104.1756, -69.8771



53.5706, 120.5471, 24.1704



53.5706, -62.0600, 32.0189



53.5706, -66.5322, -33.7195

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



53.5706, 104.1722, -69.8748



78.4526, 35.2273, -22.5403



27.3914, 71.2203, -186.6574



35.0190, 19.1216, -12.3715

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



53.5706, 104.1722, -69.8748



53.3667, 104.9207, -70.3875



48.1232, 84.7393, 4.0096



42.7790, 3.5516, -1.6432



38.5764, 75.8426, -50.8800



12.0372, 23.6656, -15.8764

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



53.5706, 104.1722, -69.8748



53.3667, 104.9207, -70.3875



85.5951, -66.1949, 36.3330



42.7790, 3.5516, -1.6432



38.5764, 75.8426, -50.8800



12.0372, 23.6656, -15.8764

Previews

White Background



This preview shows how the HunterLab color 53.5697, 104.1756, -69.8771 looks on a white background.

Color Contrast Check

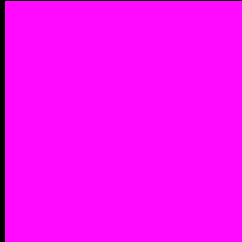
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 53.5697, 104.1756, -69.8771 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 53.5697, 104.1756, -69.8771 Background



This preview shows how black text looks on a background with the HunterLab color 53.5697, 104.1756, -69.8771.



This preview shows how white text looks on a background with the HunterLab color 53.5697,

104.1756, -69.8771.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

53.5697, 104.1756, -69.8771

Protanopia

54.0297, 12.4451, -70.3080

Deuteranopia

54.0679, 5.0386, -56.9956



Tritanopia

53.4103, 49.5973, 18.3383

Trichromacy



Original Color

53.5697, 104.1756, -69.8771



Protanomaly

46.9892, 51.0712, -89.5256



Deuteranomaly

46.4021, 46.3203, -80.9759

Tritanomaly

50.9902, 72.1355, -6.5238

Monochromacy



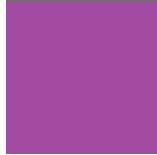
Original Color

53.5697, 104.1756, -69.8771



Achromatopsia

39.8699, -2.1274, 2.1662



Achromatomaly

39.1515, 41.6530, -27.6193

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 53.5697, 104.1756, -69.8771 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(255, 10, 255)` looks like.

```
.text, #text, p{  
    color:rgb(255, 10, 255)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(255, 10, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 10, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 53.5697, 104.1756, -69.8771 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 10, 255) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(255, 10, 255) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(255, 10, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 10, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 10, 255);  
box-shadow:4px 4px 4px 4px rgb(255, 10,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 53.5697, 104.1756, -69.8771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 10, 255) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(255, 10,  
255) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor